

BART Agreement Number: 6M8124

Approval Date: 10/05/17

Work Plan No. B.08 - 34.5 kV Cable Replacement and Fiber Optic Cable Installations along A and R Lines

Scope:

The scope of services includes design, preparation of contract documents and bid support for the removal and replacement of 34.5 kV left and right cables between substations, installation of fiber optic cables from train control room to control room, and installation of disconnect switches at the following traction power substation locations:

A Line – Contract No. 15EJ-180

- ACO to ABF (left cable only) - ~MP 5.34 to ~MP 11.02 (~5.7 mi); aerial structure
- LAA to AHA - ~MP 11.68 to ~MP 13.85 (~2.2 mi); at-grade and aerial structure
- AHA to AUC - ~MP 13.85 to ~MP 20.42 (~6.6 mi); at-grade and aerial structure

R Line – Contract No. 15EJ-182

- RCP to RRY - ~MP 8.52 to ~MP 13.28 (~4.88 mi); at-grade and aerial structure

R Line – by BART Maintenance

- RAS to RCP - ~MP 4.03 to ~MP 8.52 (~4.45 mi); at-grade, aerial, and subway structure

Project elements that require special attention during the work include the following:

- Physical interface and transition between at-grade, underground, and aerial structures
- Physical interface with other planned projects (e.g., traction power facility installations/replacements)
- Clearance of the vehicle dynamic/construction envelope
- Accommodation of the work of other planned projects

Prime: WSP

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
Bess Testlab	\$43,719	Y	Y
JMA	\$98,452	N	Y
OPAC	\$472,501	Y	Y
SEM	\$89,072	N	Y
SPS	\$222,798	Y	Y

Work Plan Value: \$2,950,246